125305.1 PATENT

#### **DOCKET UMICORE 0112-US**

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

STARZ, et al.

Examiner: WILLS, Monique M.

Serial No.:

09/915,764

Group Art Unit: 1746

Filed:

July 27, 2001

For:

Ink for the production of membrane electrode units for PEM fuel cells

Customer No.:

23719

Kalow & Springut LLP

488 Madison Avenue, 19th Floor New York, New York 10022

August 4, 2006

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

# SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

#### Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, Applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO/SB/08A and B. Applicants do not admit that the references are "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such references. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with Applicants' duty to disclose all information of which they are aware and believe relevant to the examination of the above-identified application, Applicants believe that their invention is patentable.

Certificate of Express Mailing Under 37 C.F.R. § 1.10

I hereby declare that on the date indicated below, this correspondence is being deposited with the United States Postal Service via Express Mail Label No. EV 626943388 US in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450 on the date shown below.

(Signature)

(Printed Name of Person Signing Certificate

August 4,2006

Receipt date: 08/04/2006 09915764 - GAU: 1795

Applicant: STARZ, *et al.* Serial No.: 09/915, 764 Filed: July 27, 2001

Supplemental Information Disclosure Statement

August 4, 2006 Page 2 of 3

## I. U.S. PATENT DOCUMENTS

Patent No.	Date Issued	Title
5,211,984 to WILSON	May 18, 1993	Membrane catalyst layer for fuel cells
5,723,173 to FUKUOKA, <i>et al.</i>	March 3, 1998	Method for manufacturing solid polymer electrolyte fuel cell
5,767,036 to FREUND, et al.	June 16, 1998	Platinum-Aluminum alloy catalyst for fuel cells and method of its production and use
5,871,552 to TADA	February 16, 1999	Process of preparing electrode for solid polymer electrolyte fuel cell
5,861,222 to FISCHER, et al.	January 19, 1999	Gas diffusion electrode for membrane fuel cells and method of its production
6,309,772 to ZUBER, et al.	October 30, 2001	Membrane-electrode unit for polymer electrolyte fuel cells and processes for their preparation

## II. U.S. PATENT APPLICATION PUBLICATION

Publication No.	Date Issued	Title
US 2002/0034674 A1 to STARZ, et al.	March 21, 2002	Ink for producing membrane electrode assemblies for fuel cells

# **III. FOREIGN PATENT DOCUMENTS**

Publication No.	Country	<b>Publication Date</b>	
EP 0622861 A	EPO	02 November 1994	_
EP 1176652 A	EPO	30 January 2002	
EP 0309337 A1	EPO	29 March 1989	

09915764 - GAU: 1795

Receipt date: 08/04/2006

Applicant: STARZ, et al. Serial No.: 09/915, 764 Filed: July 27, 2001

Supplemental Information Disclosure Statement

August 4, 2006 Page 3 of 3

Publication No.	Country	Publication Date	
EP 0026979 A2	EPO	15 April 1981	
EP 0731520 A1	EPO	11 September 1996	
EP 0743092	EPO	20 November 1996	
DE 196 02 629 A1	GERMANY	01 August 1996	
DE 19611510 A1	GERMANY	25 September 1997	
DE 19812592 A1	GERMANY	7 October 1999	
WO 92/15121	WIPO	03 September 1992	
WO 94/25993	WIPO	10 November 1994	

### IV. NON PATENT REFERENCES

European Search Report for EP 05 00 3955 dated 01 April 2005. (2 pages)

Applicants wish to point out to the Examiner that EP 1 176 652 A2 is related to US 2002/0034674 A1, each claiming priority to DE 10037074; DE 19602629 A1 is related to US 5723173, each claiming priority to JP 7-010579, JP 7-010580 and JP 8-001981; EP 0743092 A1 is related to US 5767036, each claiming priority to DE 19517598; US 5861222 relates to and claims priority to DE 19611510 A1; and US 6309772 B relates to and claims priority to DE 19812592 A1.

Applicants submit that no fee is due at this time for the filing of this Information Disclosure Statement. However, if a fee is deemed necessary, please charge Deposit Account No. 11-0171 for such sum.

Respectfully submitted,

John J. Santalone

Registration No.: 32,794 Attorney for Applicant

Kalow & Springut LLP (212) 813-1600

**ख**ate: 08/04/2006

Sheet

. AUG U 4 2006

TA TRADEV

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Inder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

3

**Application Number** 09/915,764 Filing Date July 27, 2001 First Named Inventor STARZ, et al. Art Unit 1746 **Examiner Name** WILLS, Monique M.

Complete if Known

Attorney Docket Number **UMICORE 0112-US** 

				DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5,211,984	05-18-1993	WILSON	
		<sup>US-</sup> 5,723,173	03-03-1998	FUKUOKA et al.	
		<sup>US-</sup> 5767036	06-16-1999	FREUND, et al.	
		<sup>US-</sup> 5,871,552	02-16-1999	TADA	
		<sup>US-</sup> 5861222	01-19-1999	FISCHER, et al.	
		<sup>US-</sup> 6,309,772	10-30-2001	ZUBER, et al.	
		<sup>US-</sup> US 2002/0034674 A1	03-21-2002	STARZ, et al.	
		US-			
<del></del>		US-			
		US-			

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>	
		EP 0622861 A	02-11-1994	E.I. DU PONT			
		EP 1176652 A	30-01-2002	OMG AG & CO. KG			
		EP 0309337 A1	29-03-1989	ATOCHEM			
		EP 0026979 A2	15-04-1981	ASAHI GLASS			
		EP 0731520 A1	11-09-1996	JOHNSON			
		EP 0743092	20-11-1996	DEGUSSA			

Examiner	/Monique Wills/ (02/27/2010)	Date	02/27/2010
Signature	/Monique valles (02/27/2010)	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

4**39140**0ate: 08/04/2006

A TRADEMAN

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

09/915,764

Inder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known

Application Number

Filing Date

Substitute for form 1449/PTO

# INFORMATION DISCLOSURE

July 27, 2001 First Named Inventor STARZ, et al. STATEMENT BY APPLICANT Art Unit 1746 (Use as many sheets as necessary) Examiner Name WILLS, Monique M. Attorney Docket Number 3 **UMICORE 0112-US** of Sheet

	U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (V known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	-	US-	+		<del></del>	
		US-				
		US-				
		US-				
·	<u> </u>	US-				
	<u> </u>	US-				
	<del>                                     </del>	US-				
	<del>                                     </del>	US-				
	<u> </u>	US-				
<del></del>	<del> </del>	US-				
	<del> </del> -	US-				
		US-				
	<u> </u>	US-				
	<u> </u>	US-				
	!	US-				
	1	US-				
	1	US-	1			
		US-			•	
		US-	-		<del></del>	

		FOREI	<b>GN PATENT DOCU</b>	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	<b>-</b> 6
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°
		DE 196 02 629 A1	01-08-1996	MATSUSHITA		
		DE 19611510 A1	25-09-1997	DEGUSSA		
		DE 19812592 A1	07-10-1999	DEGUSSA		
		WO 92/15121	03-09-1992	UNITED STATES DEPT.		
		WO 94/25993	10-11-1994	E.I. DU PONT		

/Monique Wills/ (02/27/2010) Date Examiner 02/27/2010 Considered Signature

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For the property of the leader Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete. including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03)

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**UMICORE 0112-US** 

Approved for use through 07/31/2006. OMB 0651-0031 nder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Sulfstitute for form 1449/PTO **Application Number** 09/915,764 ÍNFORMATION DISCLOSURE **Filing Date** July 27, 2001 STATEMENT BY APPLICANT First Named Inventor STARZ, et al. **Art Unit** 1746 (Use as many sheets as necessary) **Examiner Name** WILLS, Monique M.

3

3

of

Sheet

**Attorney Docket Number** 

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
		European Search Report for EP 05 00 3955 dated 01 April 2005. (2 pages)		
<del></del>				

Examiner	/8.8 min = 1883   / (00/07/0040)	Date	02/27/2010
Signature	/Monique Wills/ (02/27/2010)	Considered	V&/&//&VIV

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.